

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

**Washington D C 20231**

**Non-Provisional Patent Application**

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**Orbiting Multi-Rotor Homopolar System**

**ABSTRACT OF THE DISCLOSURE**

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An orbiting multi-rotor homopolar machine employs axially parallel, cylindrical, electrically conductive magnets arranged circumferentially around vertical axis of central stator ring, intimately contacting and engaging non-slip rolling between rotor magnets and stator. A bearing rotatably secures each end of each magnet to a corresponding electrically conductive circular endplate, each slightly wider than the stator. An electrically conductive axle located in the center of the stator rigidly attaches to one of the top circular endplate, and an electrically insulating bearing means attaches the center of bottom circular endplate to a coaxial inner cylinder, located between the axle and the stator.